APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

Herrmann, E.
NEW DEVELOPMENT IN THE FIELD OF CONTINUOUS CASTING OF NONFERROUS METALS (Neues auf dem Gebiete des Stranggiessens von Nichteisenmetallen). [1964] [34p] (foreign text included) Order from SLA $3.60 TT-64-14855

Trans. of [das] Metall (West Germany) 1963, v. 17, no. 11, p. 1108-1116.

(Metallurgy--Nonferrous Metals, TT, v. 11, no. 11)

TT-64-14855

I. Herrmann, E.

A280601

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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Yellow Pigments: Manufacture, Chemical Composition and Uses, by E. Herrmann, 15 pp.

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SLA 60-14531

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Colloid-Chemical Problems in the Separation of the Red Mud From the Aluminate Solution in Bayer Process Skimming, by E. Herrmann, et al, 28 pp.

GERMAN, per, Kolloid-Zeitschrift, Vol CXXIII, No 1, 1951, pp 22-33.

S.L.A. Tr No 240/1955

Sci - Chemistry
Jan 1957 CTS/dex

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Viscometric Investigation of Alkyd Varnishes and Paints With Special Regard to Structural Viscosity, by Erwin Herrmann, Elisabeth Katz, 7 pp.

GERMAN, per, Deutsche Farben-Zeitschrift, Vol XII, No 10, 1958, pp 397-401.

SLA 59-15977

Sci
Jan 60
Vol 2, No 7

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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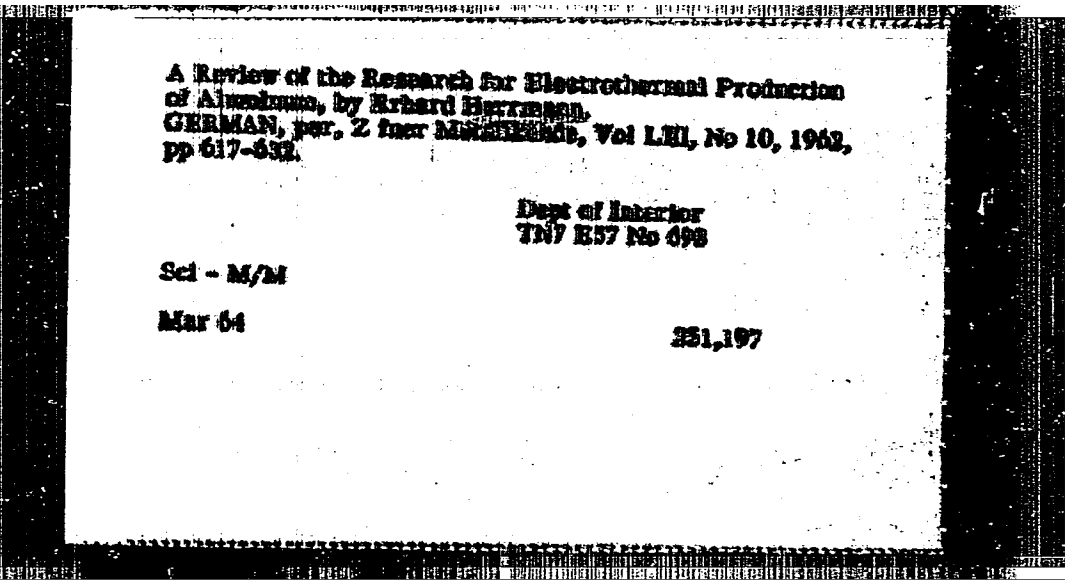

A Review of the Research for Electrothermal Production of Aluminum, by Erhard Herrmann, GERMAN, per, Z fuer Metallkunde, Vol LIII, No 10, 1962, pp 617-632.

Dept of Interior
TN7 E57 No 698

Sci - M/M

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Uric Acid Analysis in Psoriasis, by P. Herrmann, 22 pp.

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NIH I-15a-60

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Critical Comments on the Estimation of Radioactive Contamination Based on the Measurement of Total Activity, by G. Herrmann, H. Hauser, H. J. Riedel, 33 pp.

GERMAN, per, Nukleonik, Vol I, 1959, pp 305-314.

AEC AERE-Trans-851

Sci - Nuc Phys
14 Mar 61

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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Chemical Supervision of the Dissemination of Radioactive Substances, by G. Herrmann, 49 pp.

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AEC NP Tr-430

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GERMAN, per, Angew Chem, Vol LXXI, 1959, pp 561-571.

AEC NP Tr-430

Sci - Chem
Aug 60

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The Mucous Membrane of the Cloacal Region of the Rectum, by G. Herrmann, L. Desfosses, 4 pp.

FRENCH, wk per, Compt Rend Acad Des Sci, Vol XC, 1880, pp 1301, 1302.

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Structure and Development of the Anal Mucosa, by G. Herrmann, 57 pp.

FRENCH, per, Journ. d'Anat. et de Physiol, Vol XVI, 1880, pp 434-472.

NIH

Scientific - Biology

Dec 54 CTS

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Counting of Radioisotopes of Metallic Elements in Liquid Scintillators, by Gerhard Erdtmann, Gunter Herrmann, 14 pp.

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AEC T-4444

Sci - Phys
May 61

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The Electrolytic Separation of Carrier-Free Strontium From Aqueous Solution, by Gunter Herrman,

GERMAN, per, Journal Inorg Nuclear Chem, Vol VII, 1958, pp 129-132.

AEC Tr-4015

Sci - Chem

May 60

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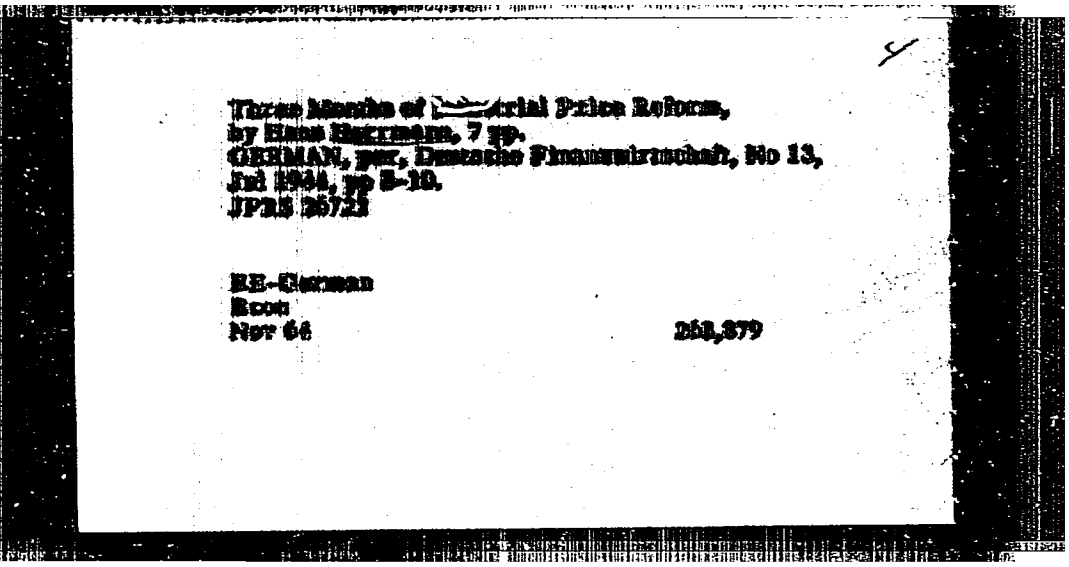

[redacted] Three Months of [redacted]trial Price Reform,
by Hans Herrmann, 7 pp.
GERMAN, per, Deutsche Finanzwirtschaft, No 13,
Jul 1954, pp 8-10.
JPRS 2672

EE-German
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Nov 64 268,879

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

Herrmann, Horst.
ON THE EFFECT OF THE SHAPE OF SAMPLES, DIMENSIONS AND COOLING CONDITIONS ON THE ELASTIC BIREFRINGENCE IN GLASS-TO-METAL SEALS [Über den Einfluss von Probenform, Abmessungen und Abkühlungsbedingungen auf die Spannungsdoppelbrechung in Glass-Metall-Verbindungen]. [1961] [16]p. 12 refs.
Order from SLA mi$2.40, ph$3.30 61-10689

Trans. of Glastechnische Berichte (West Germany) 1960, v. 33, no. 7, p. 252-257.

The application of photoelastic measurements to control the thermal expansion of sealing materials (glass and metal) is discussed. A few types and shapes of samples having appropriate properties for conducting such measurements are considered and the different effects on the elastic birefringence in the glass are examined. Knowledge of these effects allows comparisons between the measured values obtained on samples of different shape and size. (Author)
(Materials--Ceramics, TT, v. 5, no. 10)

61-10689

1. Glass--Bonding
2. Metals--Bonding
I. Herrmann, H.

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86

Planning and Realization of Large Cross-Section Tunnel Constructions, by H. U. Herrmann, 27 pp. GERMAN, per. Schweiz Bauztg., Vol 82, 1964, pp 873-881.
AEC/ORNL-Tr-2076

H. U. Herrmann

Sci/Mech
Jun 69

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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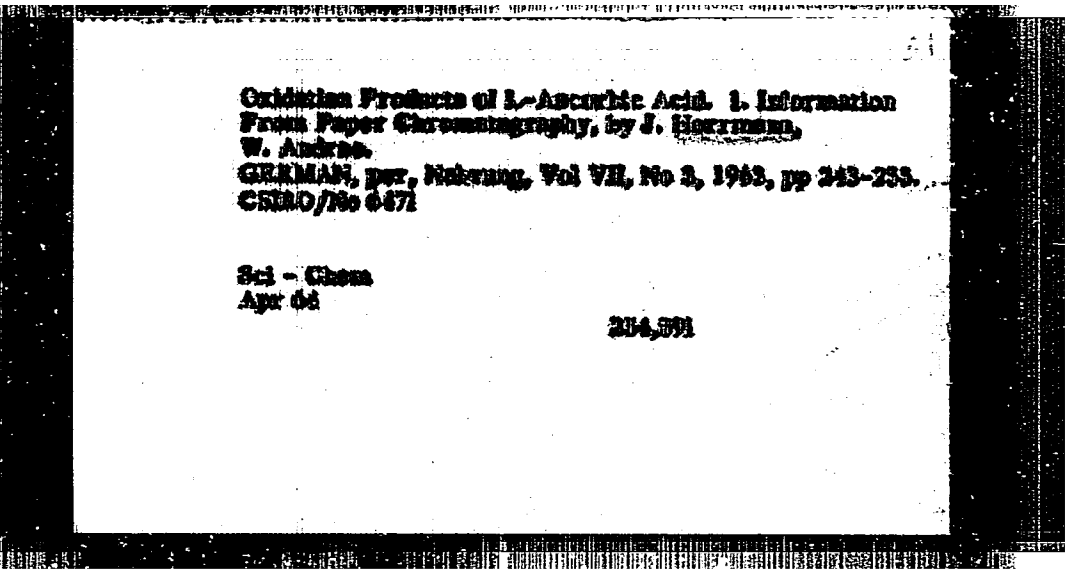

Oxidation Products of L-Ascorbic Acid. 1. Information From Paper Chromatography, by J. Herrmann, W. Andrae.
GERMAN, pur, Nahrung, Vol VII, No 3, 1963, pp 243-253.
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Sci - Chem
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Summary of Knowledge of Effect of Electromagnetic Rays on Foodstuffs With Special Consideration Regarding Wavelength, by J. Herrmann, 13 pp.

GERMAN, per, die Lebensmittel Industrie, No 9, 1962, pp 265-269.

MX ACSI I-8256
ID 2224766

Sci - Phys
Mar 63

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62-22444

Herrmann, K.
CAFFEIC ACID AND CHLOROGENIC ACID. [1962]
42p.
Order from K-H $52.50 K-H 8480

Trans. of die Pharmazie (Germany) 1956, v. 11, [no. 1] p. 1-12.

DESCRIPTORS: *Organic acids, *Plants, *Caffeic acid, *Chlorogenic acid.

(Biological Sciences--Pharmacology, TT, v. 8, no. 10)

1. Herrmann, K.
II. K-H-8480
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

C226333

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Herrmann, K.
THE TANNIN OF MELISSA LEAVES (Über den Gerbstoff der Melissebl[illegible]tter). [1963] [10p] 13refs
Order from SLA $1.10 63-20283

Trans. of Archiv der Pharmazie (West Germany 1954, v. 287, p. 142-147.

DESCRIPTORS: *Tannic acids, Plants (Botany), Biological assay, Drugs.

(Biological Sciences--Pharmacology, TT, v. 10, no. 11)

63-20283

1. Title: Melissa
I. Herrmann, K.

[illegible]

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Metabolism of Fasivonoid Plant Phenols in the Organism and Urinary Excretion of the Resulting Phenol-Carboxylic Acids, by K. Herrmann.

GERMAN, per, Arzneimittelforschung, Vol XI, No 5, 1961, pp 503-506.

CSIRO/No 6026

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Phenolic Constituents of Tobacco and Tobacco Smoke, by K. Herrmann.
GERMAN, per, Beitraege zur Tabakforschung, vol. 2, no. 5, 1964, pp. 159-179.
NTC 70-17077-06A

CSIRO/8026

K. Herrmann

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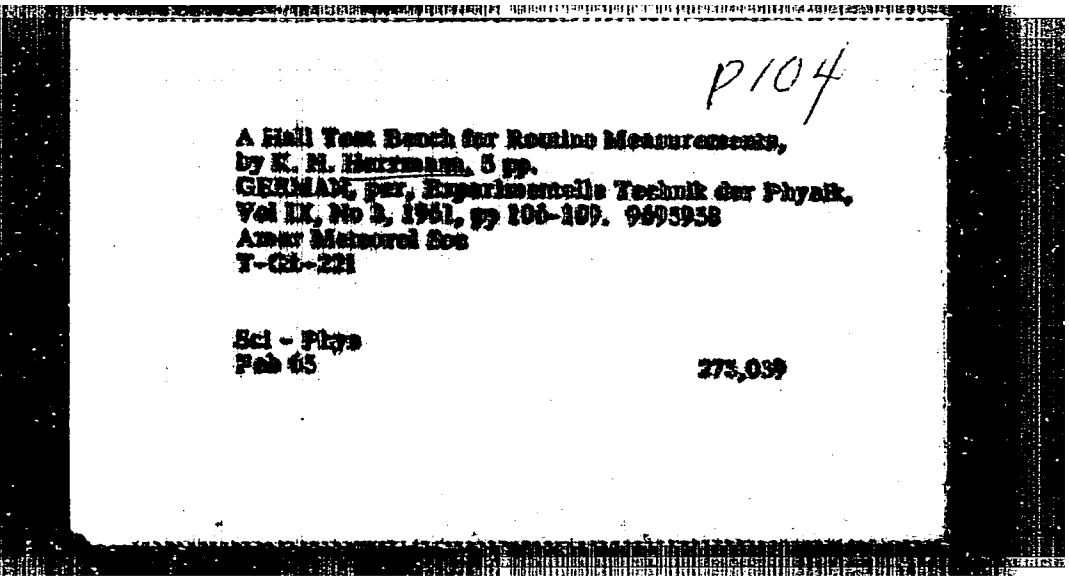

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A Hall Test Bench for Routine Measurements,
by K. H. Hartmann, 5 pp.
GERMANY, Zur, Experimentelle Technik der Physik,
Vol IX, No 3, 1961, pp 106-109. 9495958
Amer Meteorol Soc
T-Gb-221

Sci - Phys
Feb 65 275,039

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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About the Cinnamic Acids With Exception of the Caffeic Acid and the Chlorogen Acid, by K. Herrmann.
GERMAN, per, Pharmazie, Vol 13, No 5, 1958, pp 266-276.
HEW NIH 6-68-66 (On Loan)

K. Herrmann

Sci/BGM
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Importance of Phenol-Carbonic Acids and of o-Polyphenol Oxidase for the Resistance of Cultivated Plants to Micro-Organisms, by K. Herrmann.
GERMAN, per, Planta Medica, Vol 10, No 1, 1962, pp29-47
CSIRO/No 6939

K. HERRMANN

Sci -
Jul 67 334,968

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Herrmann, Karl.
THE PHENOLIC CONSTITUENTS OF TOBACCO.
July 62 [9]p. 56 refs.
Order from SLA $1.10 62-20170

Trans. of Deutsche Apotheker-Zeitung (West Germany) 1961, v. 101, no. 46, p. 1481-1482.

DESCRIPTORS: *Tobacco, Chemical analysis, *Phenols.

A literature survey.

(Chemistry--Analytical, TT, v. 9, no. 10)

62-20170

I. Herrmann, K.

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Metabolic Cancer Therapy, by K. O. Herrmann, H. Jung, 28 pp.

GERMAN, Mimeographed Communication from the Rudolf Virchow Cancer Institute in Lich/ Oberhessen.

NIH 6-10

Sci - Med

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The Reduction - Oxidation Potentials of Inorganic Systems, 1. Formal Potentials in Aqueous Ferric - Ferrous Solutions, by R. Bock, M. Herrmann, 15 pp.

GERMAN, per, Zeit fur anorganische und allgemeine Chemie, Vol CCLXXIII, No's 1, 2, Jul 1953, pp 1-20.

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29,319 CIA/FDD/[redacted]

Scientific - Chemistry Dec 55 CTS/DEX

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Herrmann, O.
RELATIONS BETWEEN APPLICATION-TECHNOLOGICAL CHARACTERISTICS, CHEMICAL CONSTITUTION AND DEGREE OF STRETCHING OF PLASTIC FILMS. [1962] 18p.
Order from K-H $22.50 K-H 12346 b

Trans. of Angew[andte] Chem[ie] (West Germany) 1962, v. 74, p. 633-637.

DESCRIPTORS: Chemical analysis, *Elasticity, *Stresses, *Plastic films.

(Engineering--Chemical, TT, v. 9, no. 10)

63-12989

I. Herrmann, O.
II. K-H-12346-b
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"On the Determination of Free Calcium Hydroxide in Hardened Cements and Cement-Trass Mixtures": Discussion of Rodt's Paper, by P. Herrmann, 6pp
GERMAN, per, Zement, Vol 24, 1935, No 14, pp 217-219
CFSTI TT-64-18197

P. Herrmann

323,852

Sci - Mat
Apr 67

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

Investigations on Atomiser Chambers for Emission and Absorption Flame Photometry, by R. Herrmann, W. Lang.

GERMAN, per, Optik, Vol XIX, 1962, pp 208-217.

NZDIA

Sci-Phys
July 63

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Recent Developments in Emission and Absorption Flame Photometry, by R. Herrmann, W. Lang

GERMAN, Per, Archiv fuer das Eisenhuttenwesen, Vol XXXIII, 1962, pp 643-647.

NZDIA

Sci-Phys
July 63

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Burner for Absorption Flame Photometry, by
W. Lang, R. Herrmann.

GERMAN, per, Optik, Vol XIX, 1962, pp 422-433.

NZDIA

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Atomisers for Emission and Absorption Flame Photometry, by R. Herrmann.

GERMAN, per, Optik, Vol XVIII, No 9, 1961, pp 422-430.

NZDIA

Sci
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Analysis of Sodium and Potassium in Serum, by R. Herrmann, W. [illegible]Lang, 17 pp.

GERMAN, per, Z fuer die Ges Exper Med, Vol CXXXIV, No 3, 1961, pp 268-279.

CSIR Tr No 223

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Sci - Med

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Herrmann, R.
THE ISOLATION OF TUBERCULIN-ACTIVE SUBSTANCES FROM CULTURE FILTRATES OF MYCOBACTERIUM TUBERCULOSIS, VAR, HOMINIS (Isolierung Tuberkulinaktiver Stoffe aus Kulturfiltraten von Mycobact. Tub., Typ Human). [1963] 22p 24refs
Order from SLA $2.60 TT-64-10287

Trans. of Biochem[ische] Z[ei]schr[ift] (West Germany) 1952, v. 323, p. 181-191. (Abstract available)

DESCRIPTORS: *Mycobacterium tuberculosis, Culture media, *Tuberculin, Separation,

The culture conditions (effect of composition, time and pH) under which Mycobacterium tuberculosis, var. hominis supplies good yields of tuberculin-active substances in a synthetic medium are discussed and the
(Biological Sciences--Biochemistry, TT, v. 11, no. 9)
(over)

TT-64-10287

1. Herrmann, R.

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Modulation of Flame Spectrometer Signal by Means of Intermittent Sample Introduction, by R. Herrmann, W. Lang.
GERMAN, per Z.anal.Chem, Vol. 203, 1964, pp 1-8
MZDIA

R. HERRMANN

Sci -
Aug 67 335-692

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

Growth of Vegetatively Propagated Trees and a Method to Produce Fast-Growing Forest Trees, by S. Herrmann.
GERMAN, per, Allgemeine.Forst und Jagdzeitung 1961, pp 132-203
NZDSIR/Ref. No. 1143

S. HERRMANN

Sci -
Aug 67

337-067

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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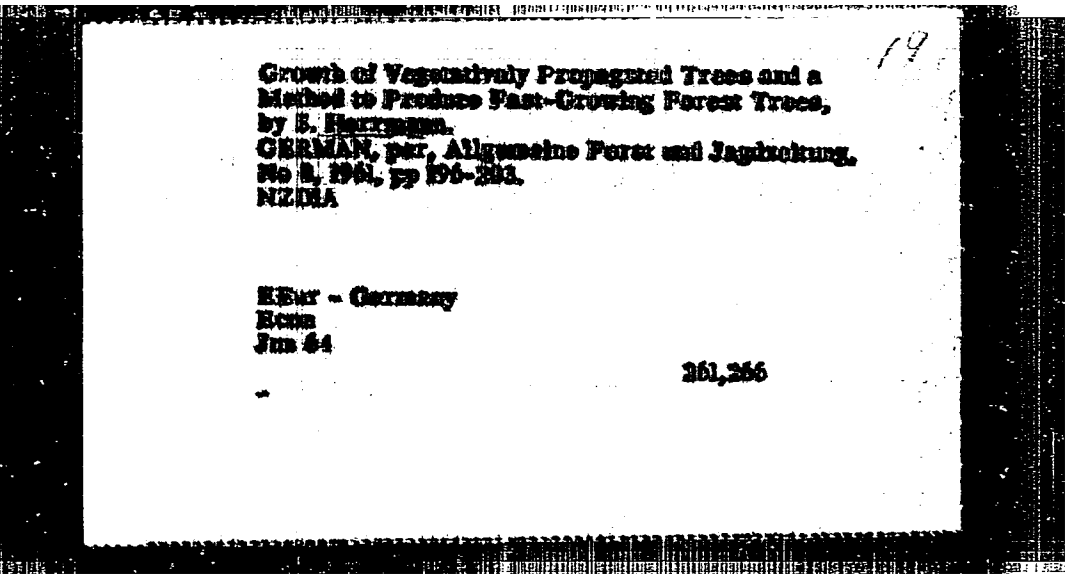

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Growth of Vegetatively Propagated Trees and a Method to Produce Fast-Growing Forest Trees, by S. Herrmann.
GERMAN, per, Allgemeine Forst und Jagdzeitung, No 8, 1961, pp 196-203.
NIDIA

EEur - Germany
Econ
Jun 64

261,266

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

Herrmann, W., Hartmann, G., and Freyer, K.
A LUMINESCENCES METHOD FOR IMAGING THE DISTRIBUTION OF BETA-ACTIVE SUBSTANCES IN SURFACES. [1963] 13p (figs omitted) 2refs
Order from SLA $1.60 TT-63-20990

Trans. of Isotopentechnik (East Germany) 1962, v. 2, no. 8, p. 230-235.

DESCRIPTORS: *Radioactivation analysis, Tracer studies, *Autoradiography, *Luminescence, Surfaces, Beta particles, Distribution,

A new luminescence method for imaging superficial distributions of beta-active substances is described and compared with the pinhole-camera method. (Author)

(Nuclear Physics and Nuclear Chemistry, TT, v. 11, no. 3)

TT-63-20990

I. Herrmann, W.
II. Hartmann, G.
III. Freyer, K.

Office of Technical Services

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Herrmann, W. O. and Winkler, H.
PROCESS FOR PREPARING PURE PENTAERYTHRITOL. [1961] 6p.
Order from ATS $9.00 ATS-49N53G

Trans. of German patent 1,065,399 appl. filed 29 June 54, opened for public inspection and pub. 17 Sep 59, patent pub. 10 Mar 60.

DESCRIPTORS: *PETN, Synthesis, Explosives.

(Engineering--Ordnance, TT, v. 6, no. 8)

61-25365

I. Herrmann, W. O.
II. Winkler, H.
III. Patent (Germany) 1 065 399
IV. ATS-49N53G
V. Associated Technical Services, Inc., East Orange, N. J.

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Herrmann, W.
NEW KNOWLEDGE IN THE FIELD OF CAST IRON METALLURGY (Neue Erkenntnisse in der Metallurgie des Gusseisens). [1961] [10]p. (foreign text included). Order from SLA $1.10 62-10214

Trans. of Giessereipraxis (Germany) 1958 [v. 76] no. 16, p. 309-311.

DESCRIPTORS: *Cast iron, Graphite, Mechanical properties, Metallurgical analysis, Corrosion inhibition.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 9)

62-10214

I. Herrmann, W.

206019

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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The Polymeric Vinyl Alcohol, by Willy O. Herrmann, Wolfram Haehnel, 6 pp.

GERMAN, per, Chem Ber, Vol LX, July 1927, pp 1658-1663

SLA 59-10691

Sci - Chem
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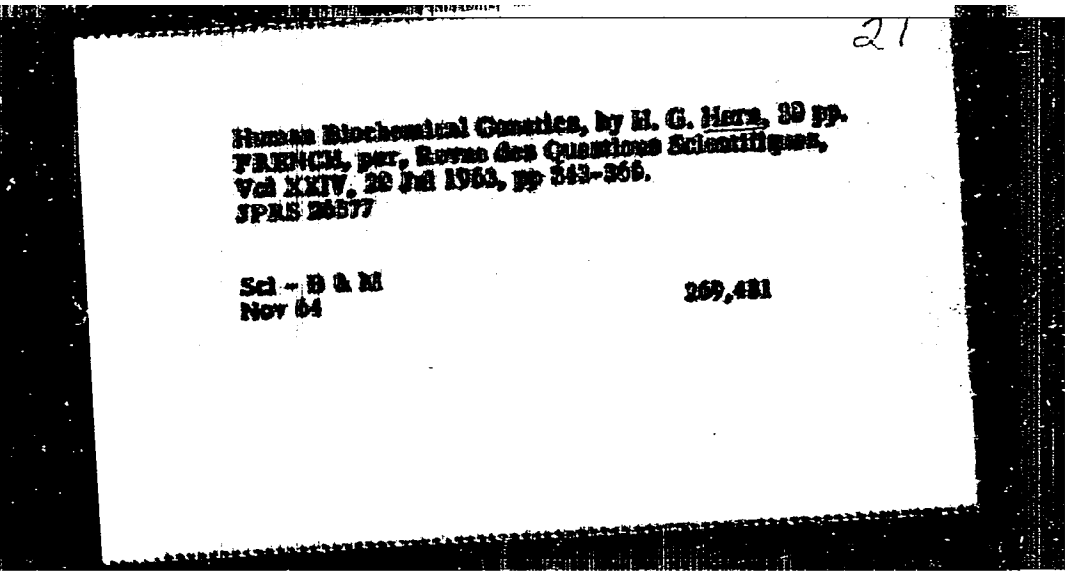

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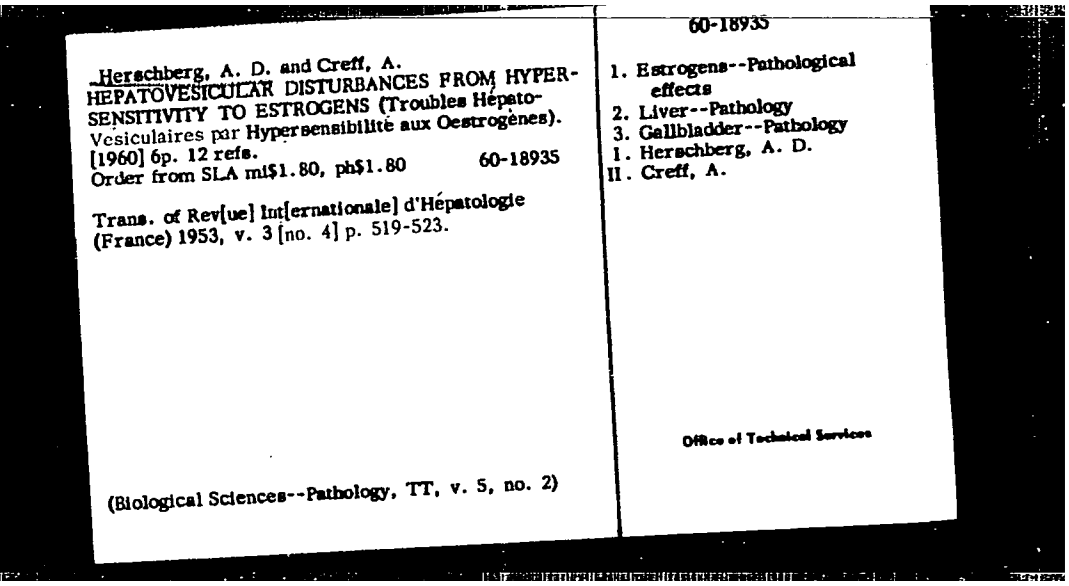

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(Materials--Fuels, TT, v. 10, no. 3)

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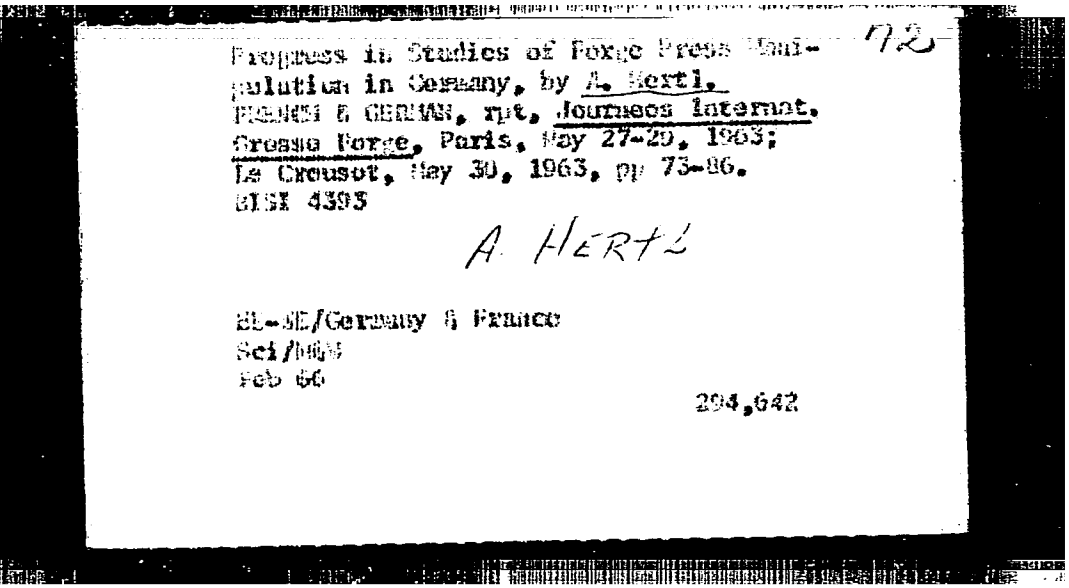

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Sel/bbb
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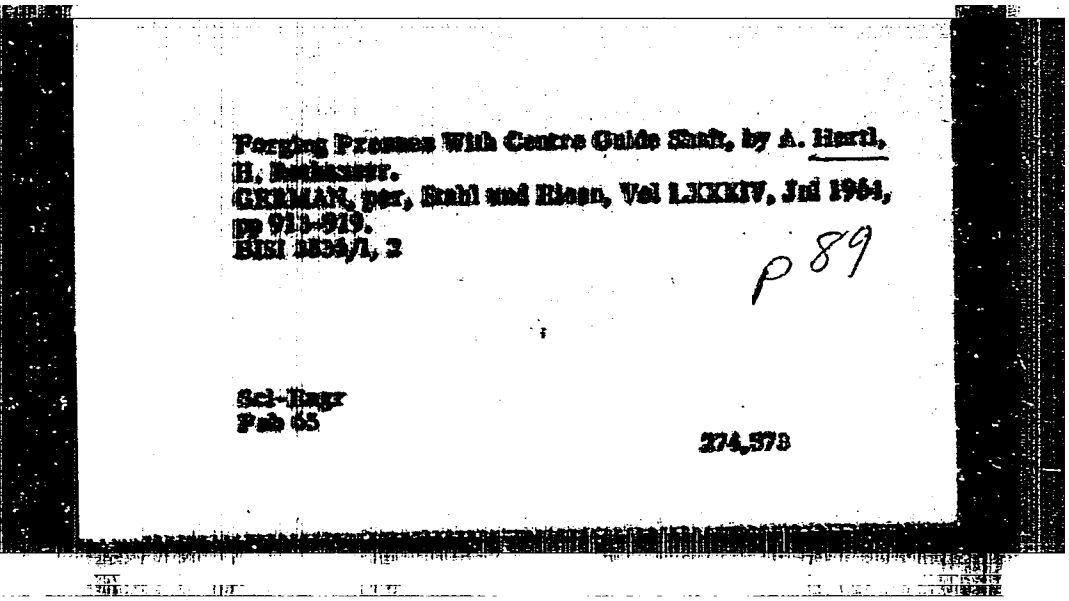

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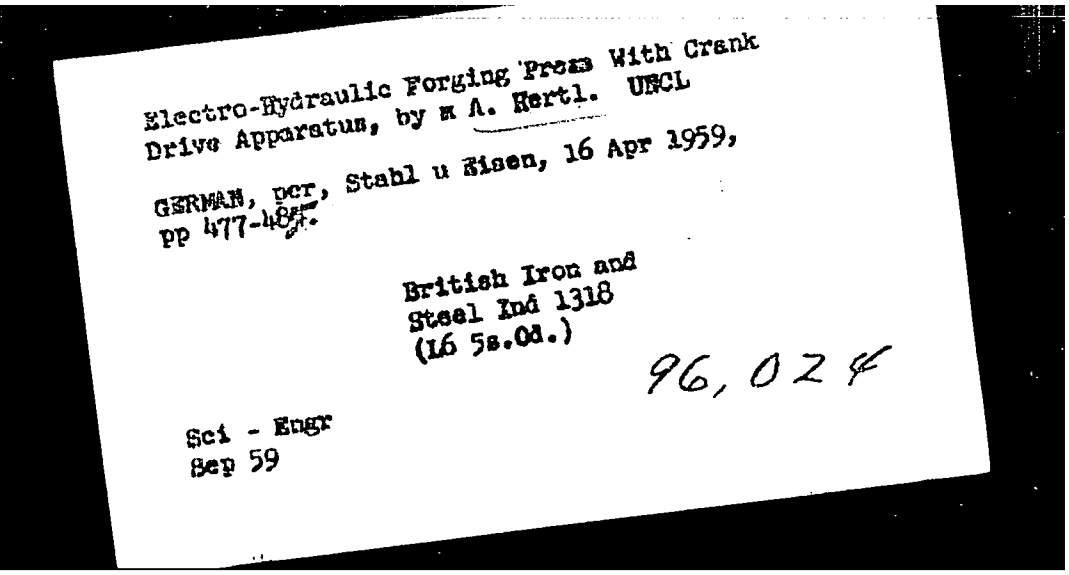

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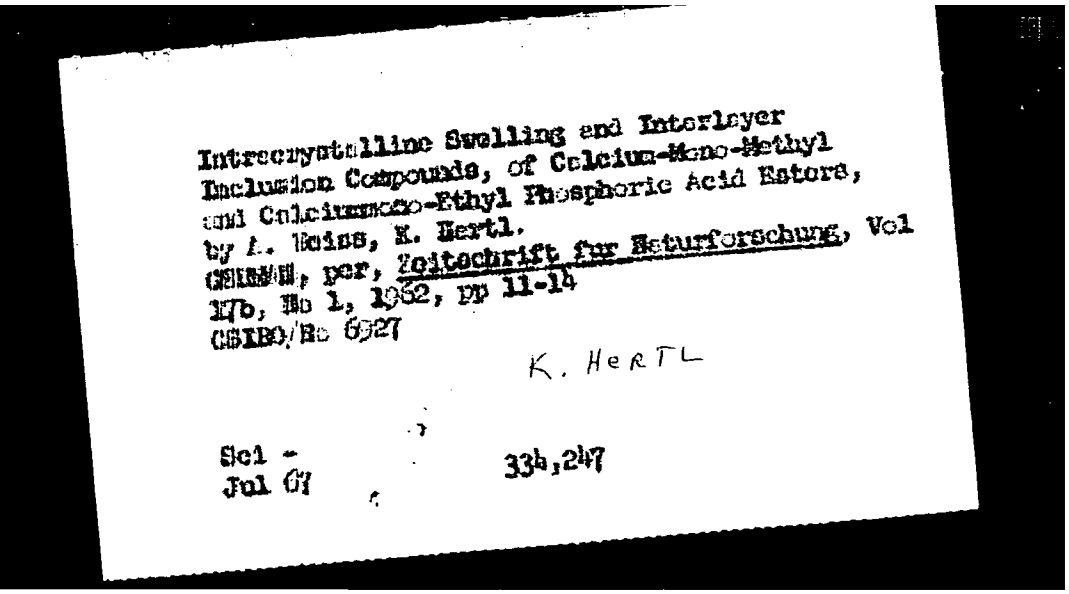

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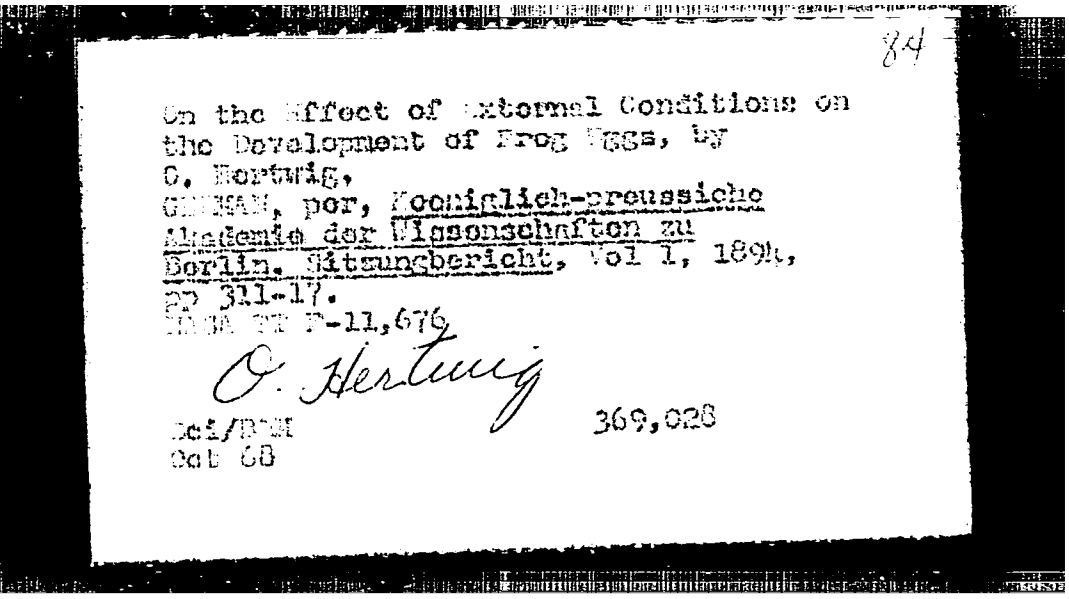

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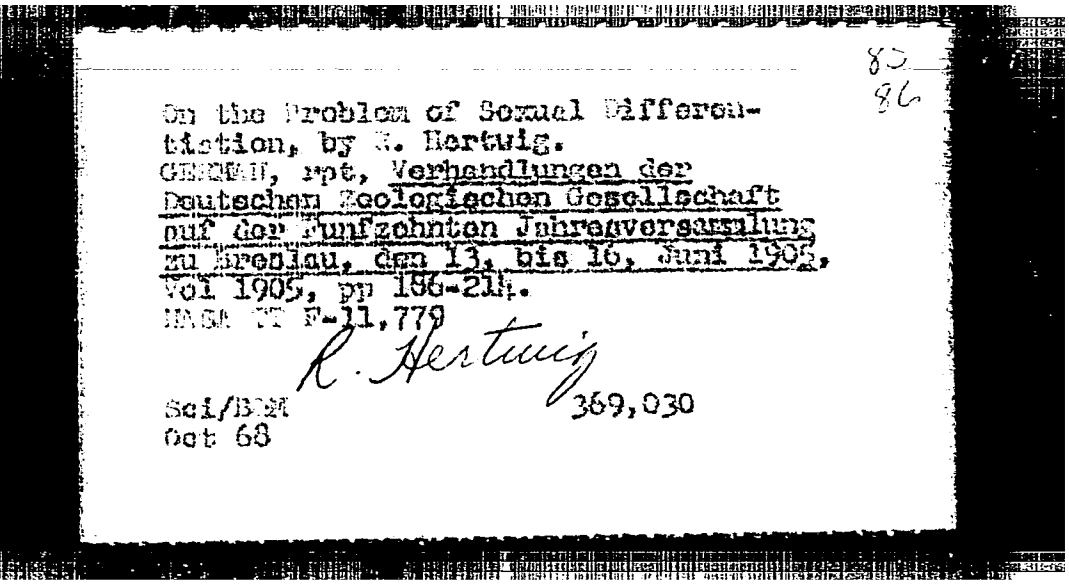

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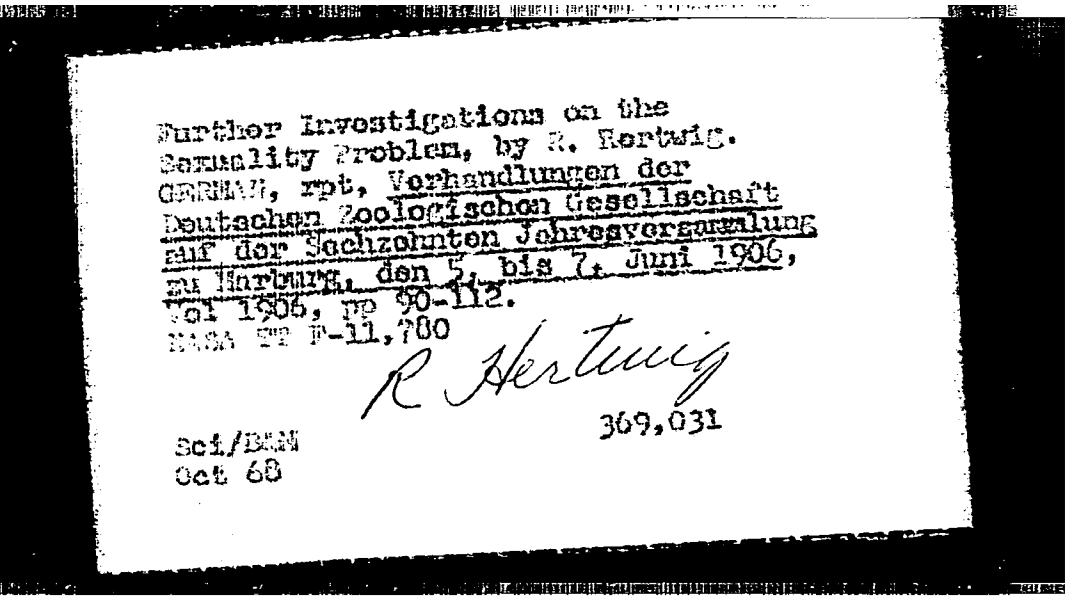

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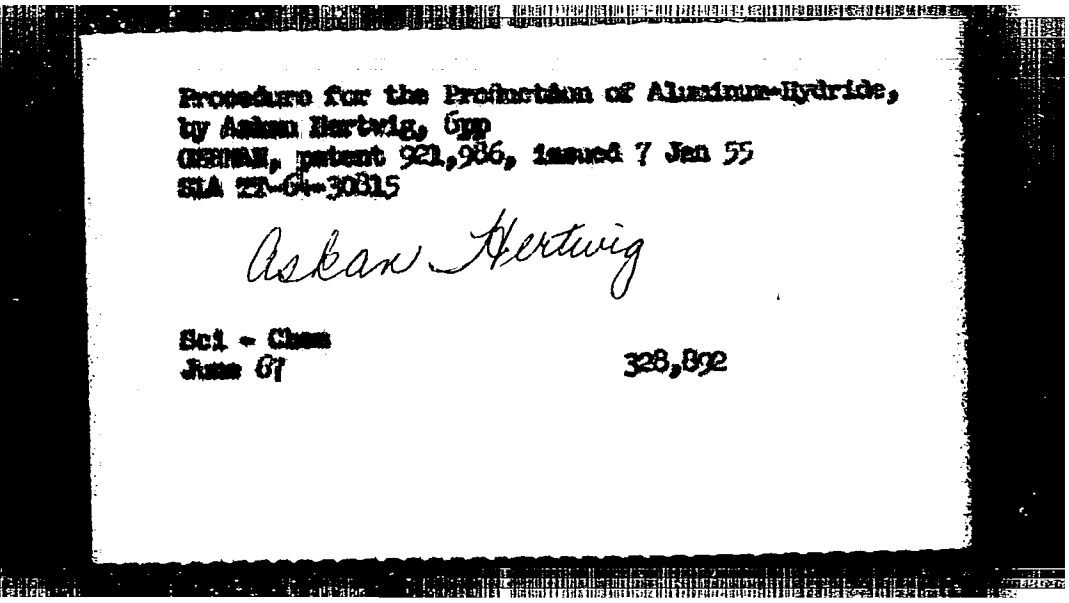

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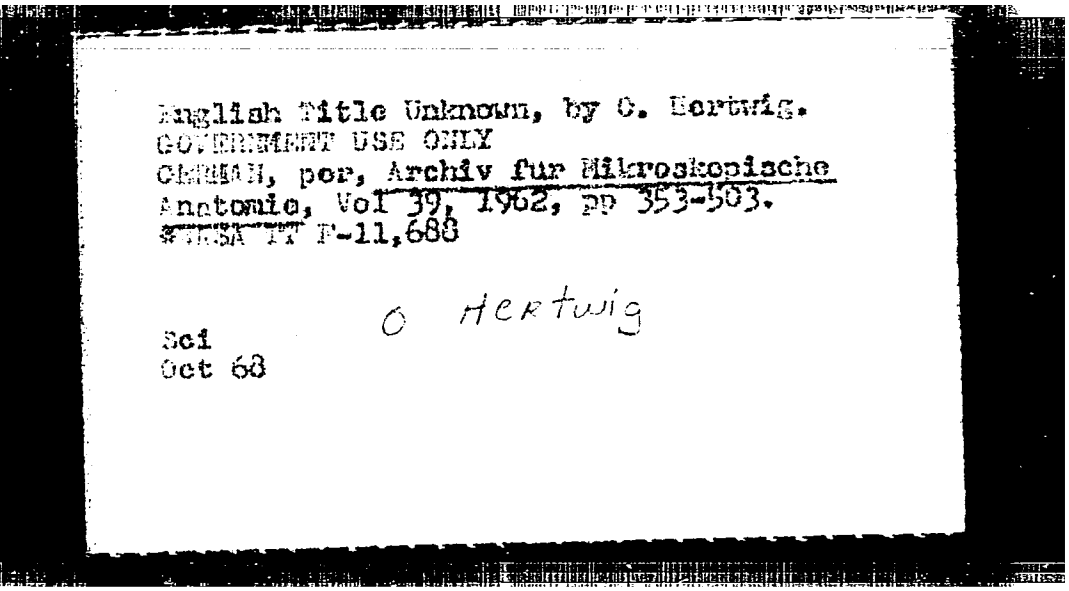

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JPRS TT F-11,688

O Hertwig

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GERHAN, bk, The Chaetognatha, their Anatomy, Systematics and Developmental History, 1959.

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NASA TT F-12,582

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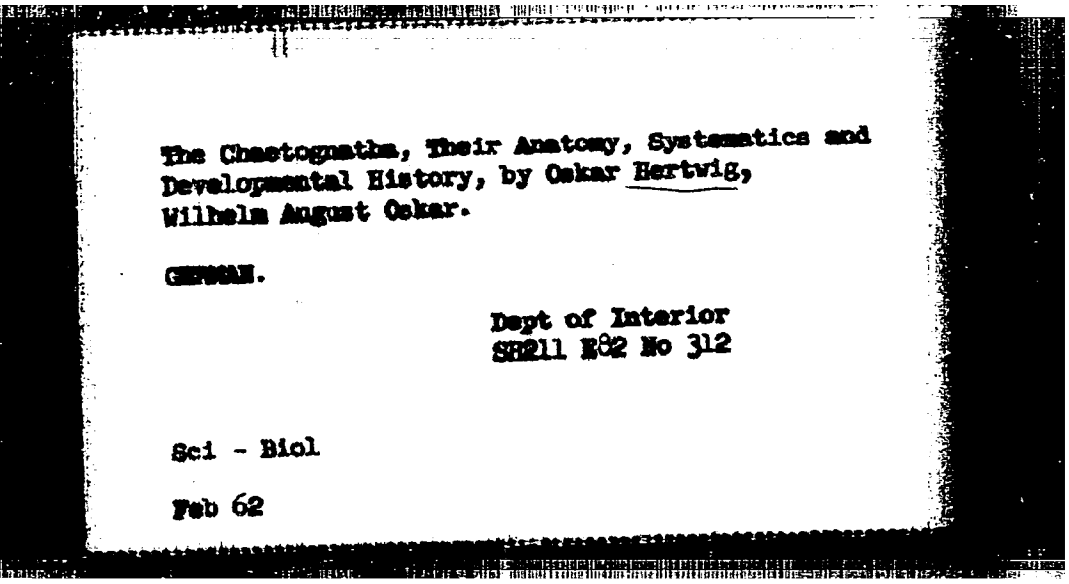

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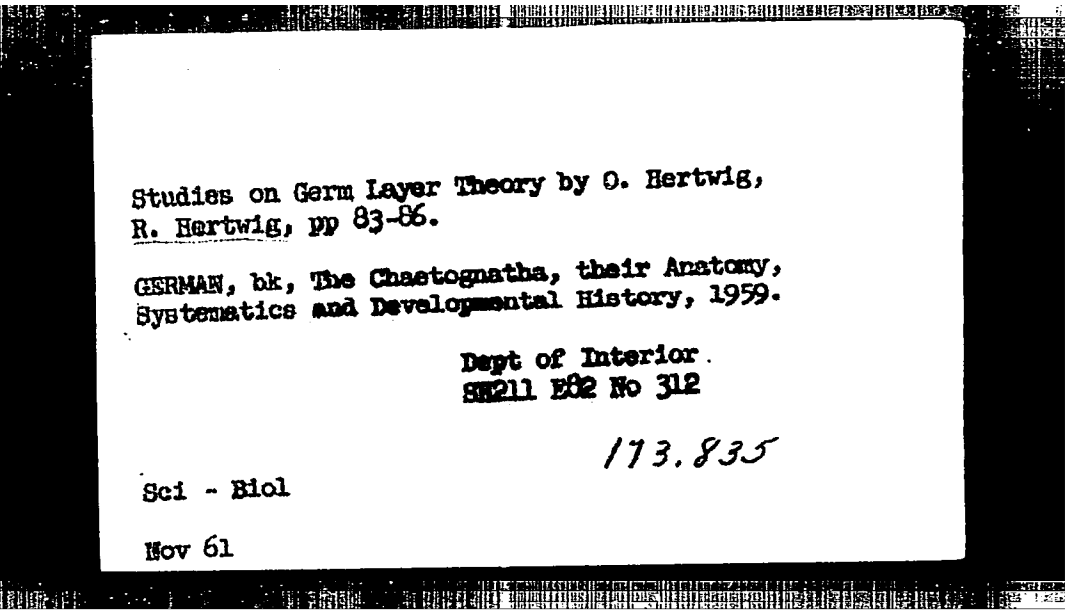

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(NY-6550)

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RUSSIAN, per, Trudy Mezhdunarodnoy Konferentsii po Kosmicheskim Luchan, Vol III, 1960, pp 36-45.

JPRS 10983

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62-18334

Hertz, C. H. and Edler, I.
THE RECORDING OF THE MOVEMENTS OF THE HEART WALLS USING THE ULTRASONIC IMPULSE METHOD (Die Registrierung von Herzwandbewegungen mit Hilfe des Ultraschall-Impulsverfahrens). [1962] [14]p (foreign text included) 12refs
Order from SLA $1.60 62-18334

Trans. of Acustica (Switzerland) 1956, v. 6, p. 1-4.

DESCRIPTORS: *Medical equipment, Motion, *Heart, *Ultrasonic equipment, Medical examination.

Using the ultrasonic reflectoscope the position of the heart walls in the human body can be located by placing the quartz crystal of the ultrasonic reflectoscope on the chest of the patient in such a way that the sound passes between the ribs and falls upon the heart region to be investigated. Further, with the help of a special
(Biological Sciences--Medical Specialties, TT, v. 10, no. 10) (over)

I. Hertz, C. H.
II. Edler, I.

1252504

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210046-4

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AEC Tr-4395

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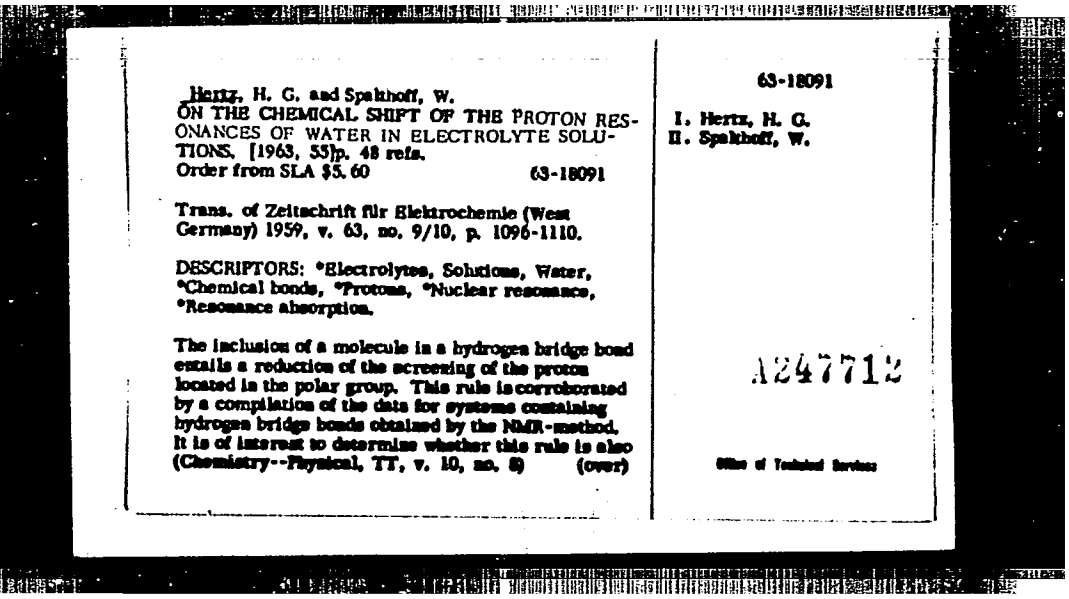

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ON THE CHEMICAL SHIFT OF THE PROTON RESONANCES OF WATER IN ELECTROLYTE SOLUTIONS. [1963, 55]p. 48 refs.
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DESCRIPTORS: *Electrolytes, Solutions, Water, *Chemical bonds, *Protons, *Nuclear resonance, *Resonance absorption.

The inclusion of a molecule in a hydrogen bridge bond entails a reduction of the screening of the proton located in the polar group. This rule is corroborated by a compilation of the data for systems containing hydrogen bridge bonds obtained by the NMR-method. It is of interest to determine whether this rule is also (Chemistry--Physical, TT, v. 10, no. 8) (over)

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A24712

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